



accelerated program offered by Quantum Learning Forum is an international education company that emphasizes the development of academic skills and personal skills.<sup>6</sup>

The students receive tips that help them in the notes, memorization, speed reading, and writing, communicating and building relationships as well as tips that enhance their ability to control the things in life. The results showed that students who follow the Super Comp get better grades, participate more and more proud of themselves.

## 2. Main principle Metrology Quantum Teaching

Teaching Quantum rely on this concept; *"Bring their world into our world and our world to take their world"*. It means that the importance of a teacher of students entering the world as a first step. The reason is that this action will give permission to lead, guide, and facilitate student travel to the patience and knowledge more widely. How, by linking what teachers teach with an event, thoughts, or feelings derived from his home life, social, athletic, music, art, recreation, or academic them. Once this connection is formed, the teacher can bring them into his world and provide an understanding of the contents of that world. Therefore, that student can take what they learn into the world and the new situation and condition.

<sup>6</sup> <http://www.articlesbase.com/education-articles/the-quantum-learning-tenets-521145.html>

Teaching has Quantum learning five principles or truth remains;

- ### B. Quantum Learning Effectiveness in Teaching Learning Process

- a) Participation by composing state
- b) Motivation and interest in applying the framework design (TANDUR)
- c) Sense of community by using the eight key advantages
- d) Memory by using the Slim-n-BILL
- e) Power with your students by following the principles of effective
- f) Smoothness of transition with the MPT

### C. Foundations Quantum Learning

Quantum learning is playing orchestra in which the variety of interaction , including feature of effective learning which affect student success are inside and around teaching learning process will change the student nature of ability and talent become light which will be very useful for the student and other .<sup>7</sup> It requires the teacher knowing how to motivate, conduct and guide the student abilities, skill and hobbies. It also includes interaction for getting the success through the effective and interesting techniques of teaching. Quantum learning shows the teacher how to avoid boredom in studying English, explain some aspect that should be paid attention to create an attractive condition to study.

<sup>7</sup> <http://qln-services.ne/go.php/538702/104113691362-html>

## 1. Environment

The environment hold important role in learning process when quantum learning method is applied.<sup>8</sup> Its means that the all round in the classroom get round message spur on students. The environment condition has surely meant for students motivation and interest. Teacher needs to conceive a good and appropriate environment for student because the student and the environment are related and endorsing each other.

The situation of the classroom is important to be paid attention to.<sup>9</sup> It includes seat arrangement, temperature, lighting and cleanliness in classroom not only the classroom but also the atmosphere of classroom needs to be paid attention to strain and serious learning will bring boredom to the student, the teacher must let the student expressing their idea freely.<sup>10</sup> The teacher's main responsibility is to create good relation with student. It determines student achievement in learning English. In this atmosphere, the student will not be afraid to tell their feeling, need, and judgment it is called "Pleasure Zone".

## 2. Base

Quantum learning has a base as the teachers and the student's guideline when working together in teaching learning process.<sup>11</sup> The base that constitute key to bound for success, the keys will beneficial if you

<sup>8</sup> Dhority ,lynn. The Act Approach: The Artful Use of Suggestion for Integrative Learning ,(Bremen , Germany : PLS Verlag. 1991 )page : 103

<sup>9</sup> Posted Ferdy H. By: Ferdy H. Pantar Pantar February 13, 2009

<sup>10</sup> [http://www.qln.com/what\\_is\\_quantum\\_learning.html](http://www.qln.com/what_is_quantum_learning.html)

<sup>11</sup> Hart, Leslie. Human Brain, Human Learning, (New York : Freeman and Coh 1983).page : 81

administer in the classroom Both the teacher and the student have to put that base into effect in their daily activities to make the teaching and learning process more smoothly. It is called 8 kunci keunggulan (8 superiority keys of Quantum teaching) they are:

- 1) Integrity (honesty) you must be honest and they do it with the attitude in harmony.
- 2) Failure is the beginning of the success, there is no failure in learning, actually it bring information that we needs to be success
- 3) Speak in good intend: you must speak honestly and be responsible for everything that you have said,
- 4) Lives in this time: time is a valuable thing so do your task and use your time as well as you can,
- 5) Commitment: comply your responsibilities and promise. Do what you should to do finish your task
- 6) Responsibility: you must be responsible for everything what you have done.
- 7) Flexibility: accept the new changes and rapprochements, which can help you to reach the outcome that you want.
- 8) Balance: keep the balance of your thought, feeling, body and soul, Give a certain time to keep and build it in harmony

### C. Program Quantum Learning

Teacher must have plans about what and how to give material in attractive ways and use teaching aid to make the student interest and motivation in

learning English. Then they will not be afraid to learn foreign language and regard it as an easy subject to be learned. Teachers plan is occurred in lesson plan.

In making lesson plan, teacher should pay attention to the draft of teaching plan of Quantum teaching in order to make the teaching learning process successful. It is called as TANDUR; TANDUR is a stage that must be done by teacher in applying Quantum learning.<sup>12</sup> They are

T = Tumbuhkan	(stimulate)
A = Alami	(experience)
N = Namai	(give code)
D = Demonstarsikan	(demonstrate)
U= Ulangi	(repeat)
R = Rayakan	(give a reward)

#### D. Stage in Quantum Learning

As a method Quantum learning also has a stage that must be done a teacher in order to make the teaching learning process go on smoothly. The stage are Tumbuhkan (stimulate) Alami (experience) Namai (give code) Demonstarsikan (demonstrate) Ulangi (repeat) Rayakan (give a reward) In short , it is called as TANDUR .

<sup>12</sup> [http://www.qln.com/what\\_is\\_quantum\\_learning.html](http://www.qln.com/what_is_quantum_learning.html)



When the student states their knowledge about the topic, teacher should collect and conclude them. Then teacher gives short explanation in order to connect what the student know and what exactly the topic is. Since what student learn is influence by their existing ideas.

**Namai (Give Code)**

After giving general information at this stage teacher must give more specific information about the material to the student. The main point of the lesson that will give to the student is applied as the stage. When explaining the material teacher is performer but it does not mean that teacher performance automatically means that teacher must be standing at the front of class putting on a “show. “ Different material and level of student will affect teacher performance. In another words, teacher may be stand at the front giving command or curtaining the student for a minute, but few minute later, teacher

However, teacher performance affect classroom behavior student will easily get bore when they know that their teacher is not enthuse to explain the material. Explaining the material does not mean that teacher talk too much in front of class Here, teacher can apply creative activity such as team game or role play. When teacher applies team game, teacher should behave energetically, encouragingly, clearly and fairly.

<sup>13</sup><http://www.amazon.com/Quantum-Learning-Unleashing-Genius-You/dp/0440504279>

After giving explanation, teacher should give a chance to the student to express their idea freely to show that they know what the teacher is taught and they can do it.<sup>14</sup> By the way student will confident to tell their idea. Teacher can give the student some task to do. Then they can report their task.

Knowing that student make mistakes, teacher should not get angry to them. Teacher must know when they make mistakes, they will learn something. That is why teacher must correct student 'mistakes by giving them feedback.

<sup>14</sup> <http://www.iqln.com/25A/QLmethods.asp>

Here they will know that what they have done is wrong also, they will know how to correct it. The way teacher blaming student mistake is should be paid attention to. Teacher is not allowed to say, "How stupid you are!" to the students because such this word will underestimate student. However teacher can say, "I rather disagree with this point, how about this one? ". In short, at this stage students are freely in expressing their idea in applying the material. However, teacher job is giving positive feedback to what the students do.

In almost end of the lesson, repetition of what students have learned is important.<sup>15</sup> After receiving and storing the material or information then the learner should imitate and repeat the lesson. It is aimed to make sure that students understand the material.

<sup>15</sup> [www.supercamp.com/downloads/Quantum\\_Learning\\_Education.pdf](http://www.supercamp.com/downloads/Quantum_Learning_Education.pdf)

### Rayakan (Celebrate)

A celebration at the end of the lesson will make the students feel happy. Besides that, teacher should appreciate their effort, diligence, and successfulness in learning a subject. Moreover, it will make the students satisfy than they know that they are able to understand the lesson and to apply what they have learnt in their daily.

A celebration can be done in many ways. However, <sup>16</sup>thinks that singing together, giving reward, or sticking students' work on classroom wall magazine is effective to celebrate students' success. Since it will motivate the students to try what they have learned many times. If the students are motivated then they know that they understand about the lesson, they will enthuse to learn other thing relates to the lesson that they have got. It is important for the students to improve themselves. In conclusion, "Tumbuhkan" (stimulate), "Alami" (experience), "Namai" (give code), "Demonstrasikan" (demonstrate), "Ulangi" (repeat), and "Rayakan" (celebrate) are the stages how teacher should apply quantum teaching. Every stage has its own rule.

It is important to be paid attention to since merry, funny, and smooth teaching learning process is more effective than learning in strain and boring situation. Besides that, the goal of teaching learning process is to make the students understand and able to apply what they have learned. <sup>17</sup>That

<sup>16</sup><http://www.mcphersonsentinel.com/features/x861572450/Washington-students-learn-about-citizenship-excellence>

<sup>17</sup> [www.supercamp.com/downloads/Quantum\\_Learning\\_Education.pdf](http://www.supercamp.com/downloads/Quantum_Learning_Education.pdf)

### E. Strategy and Method in Teaching Learning Process

There are some teaching and learning process principles that have be remembered in the classroom by the teacher .First the teaching and learning process must place the student as the subject or in other words, it is oriented to the student. Second, the talent, ability, way of learning, learning motivation and the students' background of social life must be noticed. Third the teaching and learning process must give the real experience and chance for the student to communicate their ideas with other students or the teacher. At last, the development of the desire to know, imagination and religiosity, the problem solving skill, the creativity, the ability in using science and technology, the education to create kinds citizen, long to life education, the integration of competition, cooperation and solidarity .Those principles are useful in

The teaching and learning process has to allow the students to build their idea. In this activity, the teacher should create a learning situation that involves student actively by observing, asking in interview and explaining. The source of learning is an important thing in the teaching learning process. The teacher can use the surrounding, library, mass media; tourism is have and meaning activity so media and learning connected with students.

The assessment is held integrated with the teaching and learning process. It is done by collecting portfolio, product, project, performance and written test or paper and Quantum learning. The assessment is the most important thing in the teaching and learning process. The success and failure of the teaching and learning process can be seen from the result of assessment.

Some advantages of classroom-based assessment in Quantum Learning Method are as follow.<sup>18</sup>

- <sup>18</sup> [http://www.qtl\\_management.com/classroom\\_management.html](http://www.qtl_management.com/classroom_management.html)





- 1) Language is way to express idea, opinion and feeling using structure and vocabulary.
- 2) The meaning is determined by the context or situation.
- 3) Meaning can be expressed both in spoken and written form.

The quantum learning has some primary concept for its approach (meaningful approach) such as:

- 1) Language is way to express idea, opinion and feeling using structure and vocabulary.
- 2) The meaning is determined by the context or situation.
- 3) Meaning can be expressed both in spoken and written form.

- ### C. Professional Teacher in Quantum Learning

- 1) Teachers are always made a good and detail preparation before doing teaching and learning process.
- 2) Teacher's point of view should change and treat student as a component in order to build a good idea. The teacher function is to serve and act as partner of the student hence the meaning of long life education will stay in their minds.
- 3) Teachers are expected to be more critical and dare to refuse all uneducated willingness.

<sup>20</sup> [www.supercamp.com/downloads/profesional\\_teacher\\_in\\_quantum\\_teaching.pdf](http://www.supercamp.com/downloads/profesional_teacher_in_quantum_teaching.pdf)

- ## F. Review of Previous Study

Several studies registered to this research. The first is the study written by Nurfitri Dew (2006), entitled. "The using of Quantum Learning Method to Improve The Descriptive Writing an Ability of The Second Year Student of SMP Negeri 1 Tuban. Her study was conducted to gain several purposes based on statements of the problems, which were going to be answered. Those are: 1) how is the Quantum Learning method applied in teaching descriptive writing to the second years of the student of SMP Negeri 1 Tuban? 2) How does the student improvement when Quantum Learning method is used in the teaching descriptive writing? 3) What are the student responses toward the use of Quantum Learning method in the teaching descriptive writing? The writer concluded that used descriptive qualitative data since it deals with the description of the observed phenomenon. First the Quantum Learning method is used as an alternative in teaching learning process.

Secondly, it is also provided of student writing progress in context, language use, and vocabulary. Third, it looks at possible response from the students relate to the content of Quantum Learning method itself, technique applied and their writing skill.

The second is the study written by Oktavianti (2006) entitled “Using Quantum Learning Method Picture as an Alternative Method in Speaking at The Eighth Grade of Junior High School.” The study was conducted to find out what Quantum Learning method can be use to stimulate the students idea to speak well.

The third is a study written by Dwi Eka Cahyono (2004) entitled "The Implementation of Quantum Learning Method in The English Teaching at The SMPN 5 Surabaya." The writer study was conducted to find out 1) how the teaching activities in English teaching learning process work when Quantum Learning is applied In the classroom. 2) What the teaching aids Quantum learning is applied. The writer concluded that he used description of the data here. The use Quantum Learning process when teaching learning process can be improved for the academic student and this is successful, and the writer, writer problem and teaching aid using Quantum Learning method when the teaching learning process.

From the previous studies above, it can be seen that use of Quantum Learning in teaching learning process gives a positive effect and could stimulate the student's interest to create a good teaching learning process.

